



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: MAR 15 2002
Not Yet Assigned TC 2800 MAIL ROOM

EXAMINER:

PRELIMINARY AMENDMENT

Atty. Dkt. No.: 1787-12300
Date: February 19, 2002

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to any action with respect to the above-identified application, please amend the application as follows:

In the Claims:

Please add the following new claims:

32. (New) A method to determine the amount of stratified flow through a conduit, comprising:

- (a) transmitting through a first portion of said conduit a first ultrasonic signal from a first upstream location;
- (b) receiving said first ultrasonic signal at a location downstream of said first upstream location;
- (c) transmitting through said first portion a second ultrasonic signal from a first downstream location;
- (d) receiving said second ultrasonic signal at a location upstream of said first downstream location;
- (e) transmitting through said first portion of said conduit a third ultrasonic signal from a second upstream location, said third ultrasonic signal reflecting of a surface of said stratified flow;
- (f) receiving said third ultrasonic signal at a location downstream of said second upstream location;
- (g) transmitting through said first portion a fourth ultrasonic signal from a second downstream location, said fourth ultrasonic signal reflecting of said surface of said stratified flow;

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